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**Ancient hunters, modern butchers : Schöningen 13II - 4, a kill-butchery site dating from the northwest European Lower Palaeolithic Voormolen, B.**

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ANCIENT HUNTERS, MODERN BUTCHERS

Schöningen 13II - 4, a kill - butchery site dating from the northwest European Lower Palaeolithic

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Boudewijn Voormolen

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te Rotterdam

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### *Ancient Hunters, Modern Butchers*

Schöningen 13II-4, a kill-butchery site dating from the northwest European Lower Palaeolithic

PhD thesis, Leiden, 2008

Boudewijn Voormolen

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**ANCIENT HUNTERS, MODERN BUTCHERS**

Schöningenen 13II-4, a kill - butchery site dating  
from the northwest European Lower Palaeolithic

*Dedicated to all victims of human lust for power and greed.*

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As early as 1994 I became acquainted with the rescue excavations of Palaeolithic sites in the Schöningen lignite mine. I was given the opportunity to study the bone remains found at the Schöningen 12b site which resulted in my MA-thesis and which introduced me to taphonomic research of faunal assemblages. Excavations at the 13II-4 locality were already under way and soon yielded the spectacular finds of the wooden spears. After seeing some of the bone remains from the 13II-4 site for the first time, it was instantly clear to me that these could be as important as the spears. Therefore it was a great honour for me when part of the preserved bone remains were made available to carry out my PhD research. This thesis presents the results derived from this research. The process of writing and finishing this thesis took longer than was planned and expected. I want to apologize to those waiting for the results all that time. This is the place to express my thanks and gratitude to those persons who contributed to the completion of this study and who were important to me personally during completing it.

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